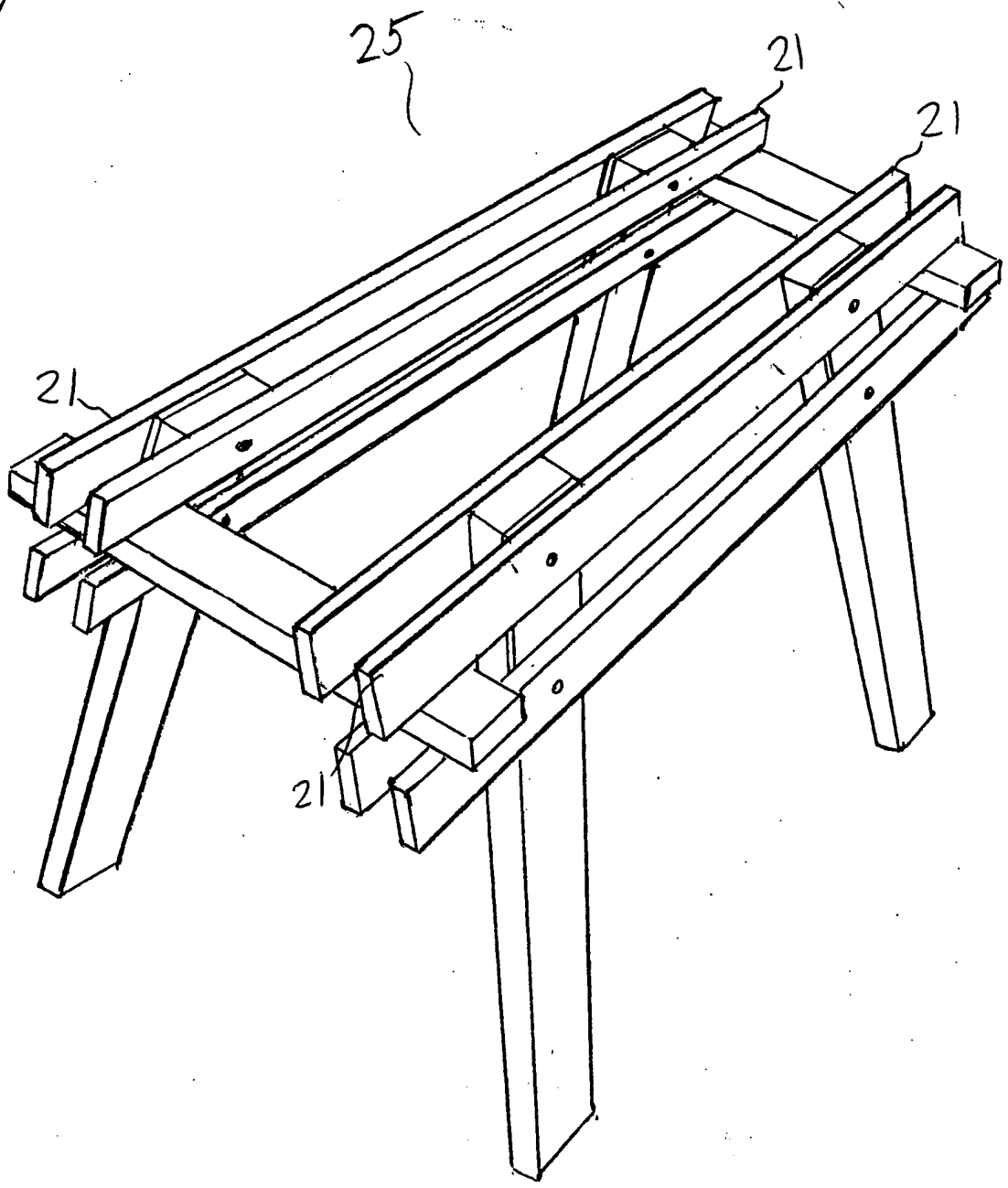


FIGURE 1

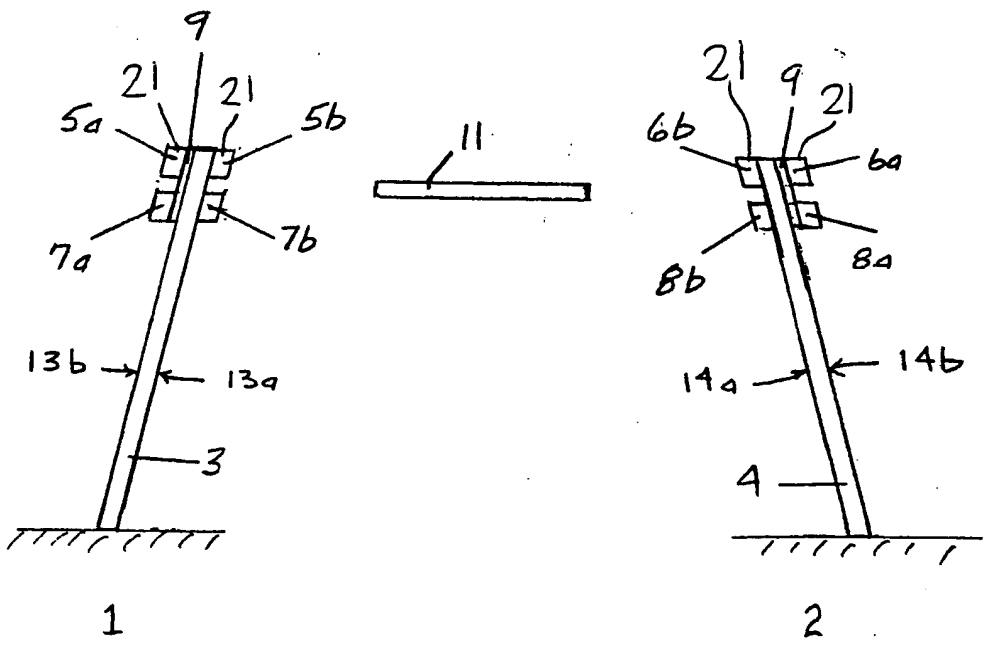


FIGURE 2

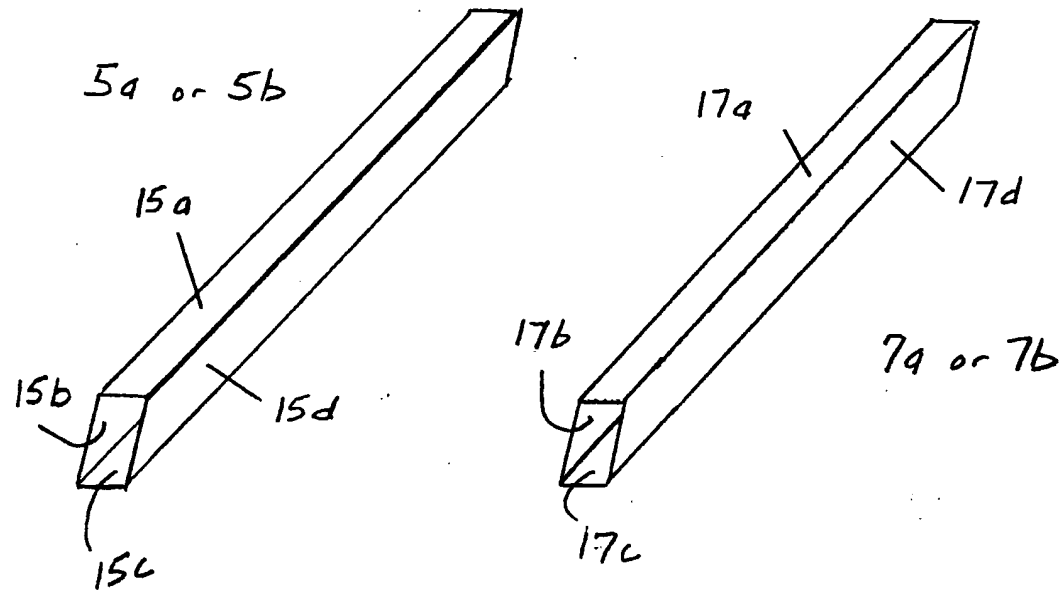


FIGURE 3

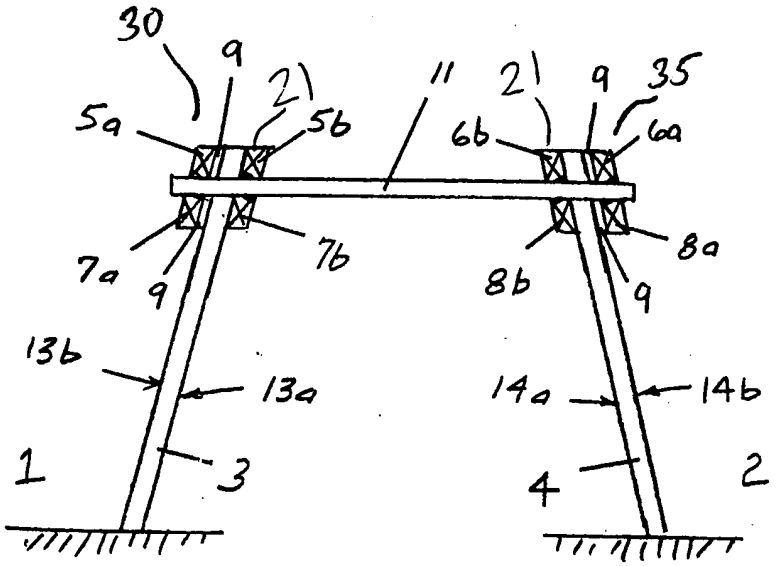


FIGURE 4

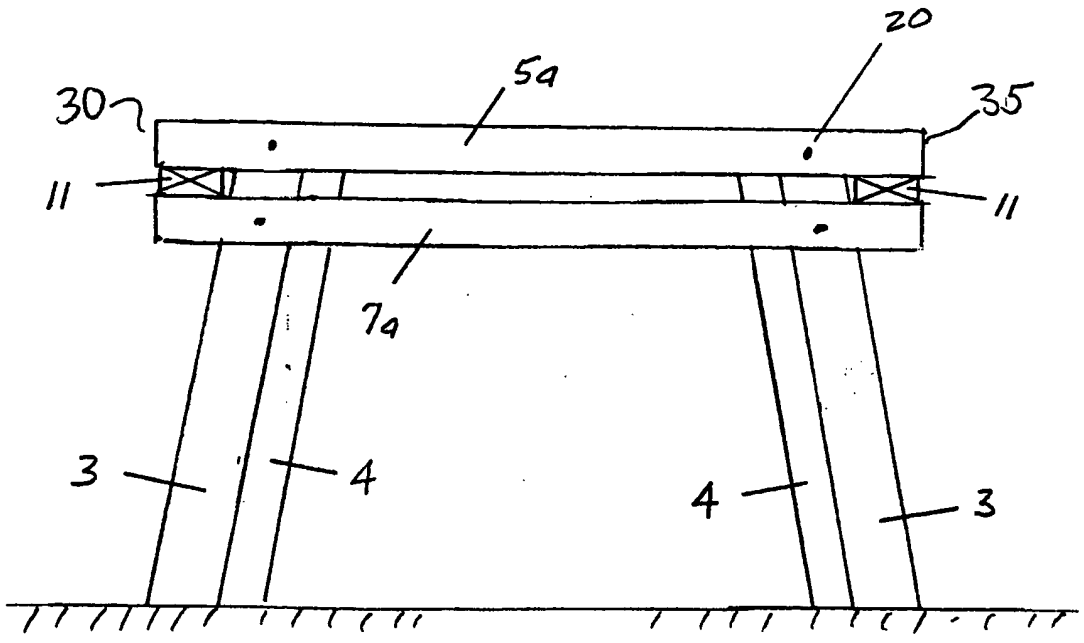


FIGURE 5

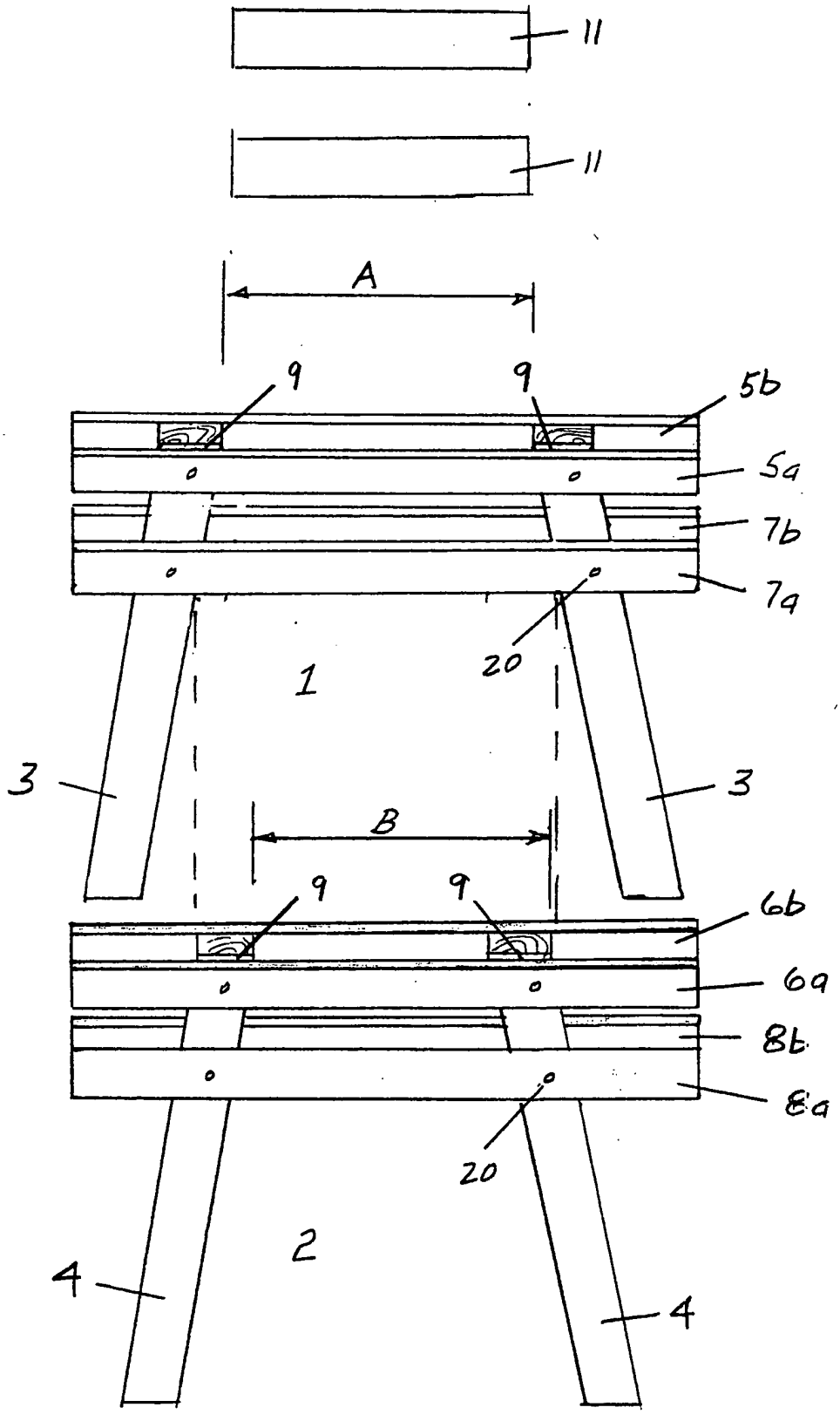


FIGURE 6

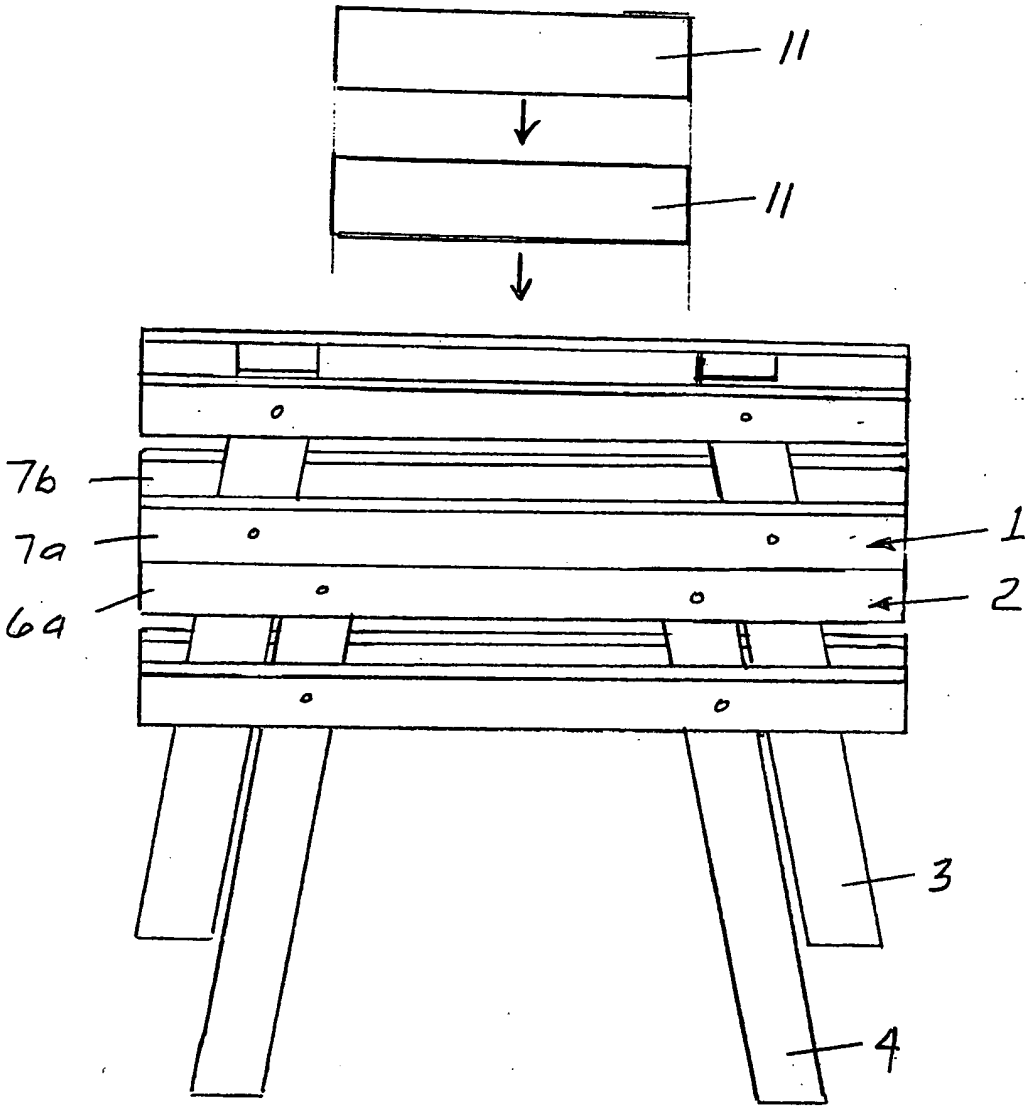


FIGURE 7

FIGURE 8

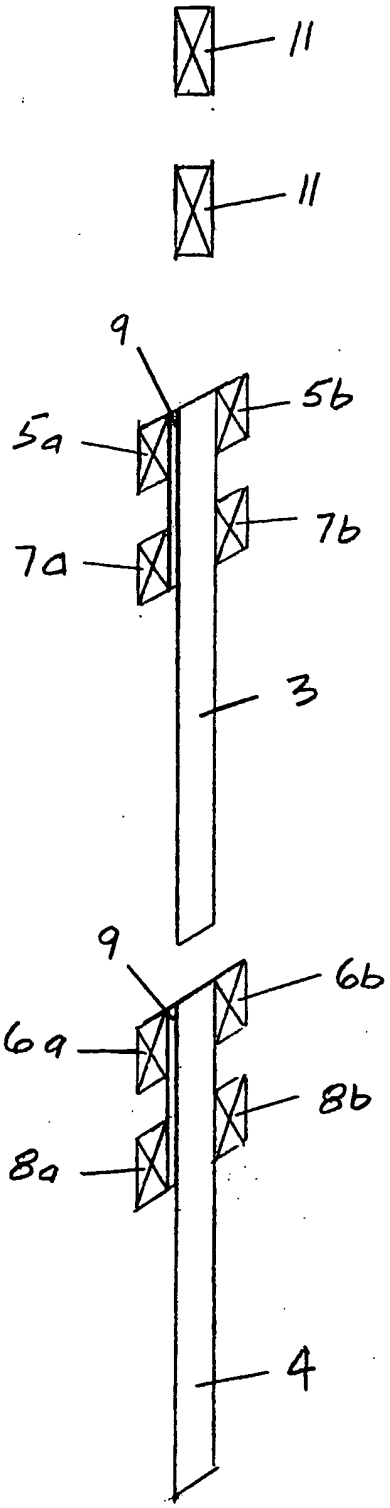
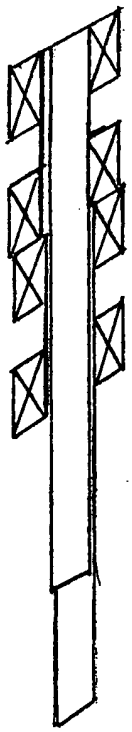


FIGURE 9



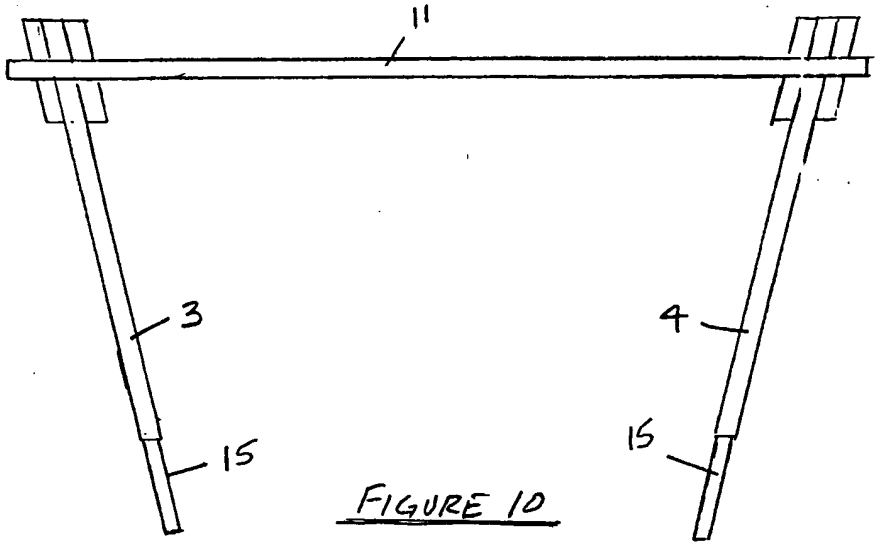


FIGURE 10

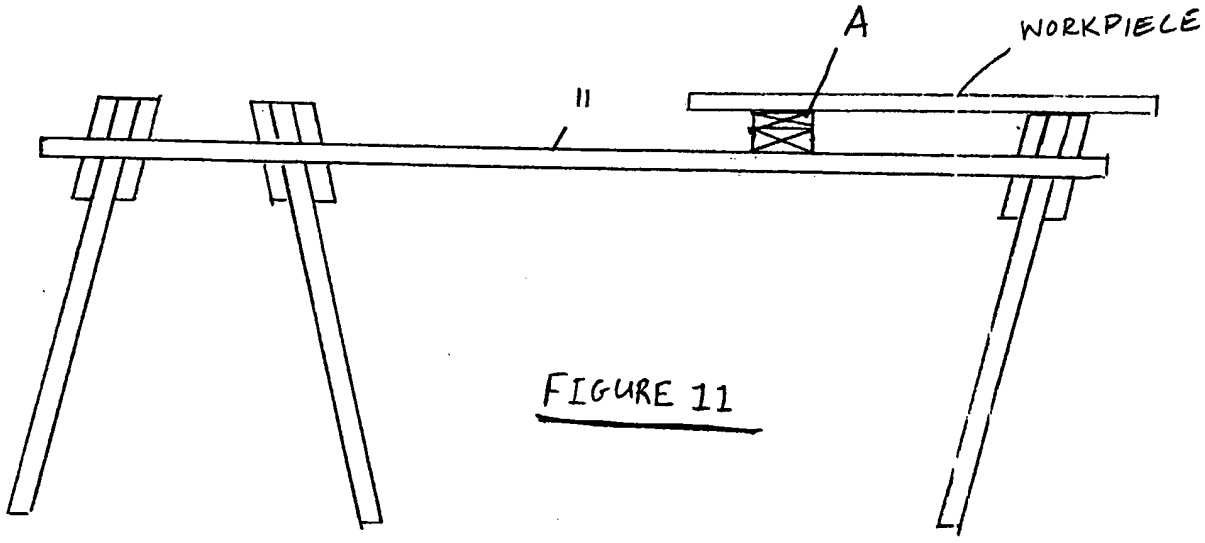


FIGURE 11

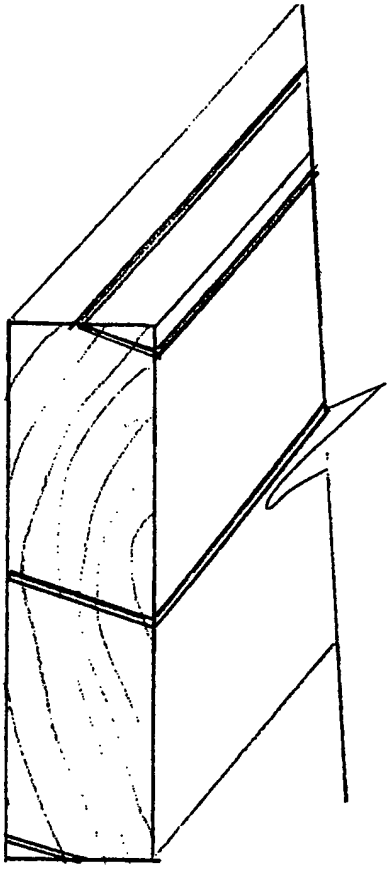


FIGURE 12

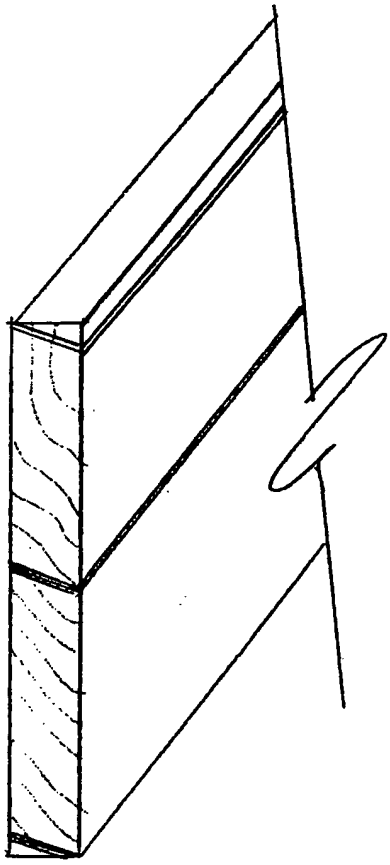


FIGURE 13

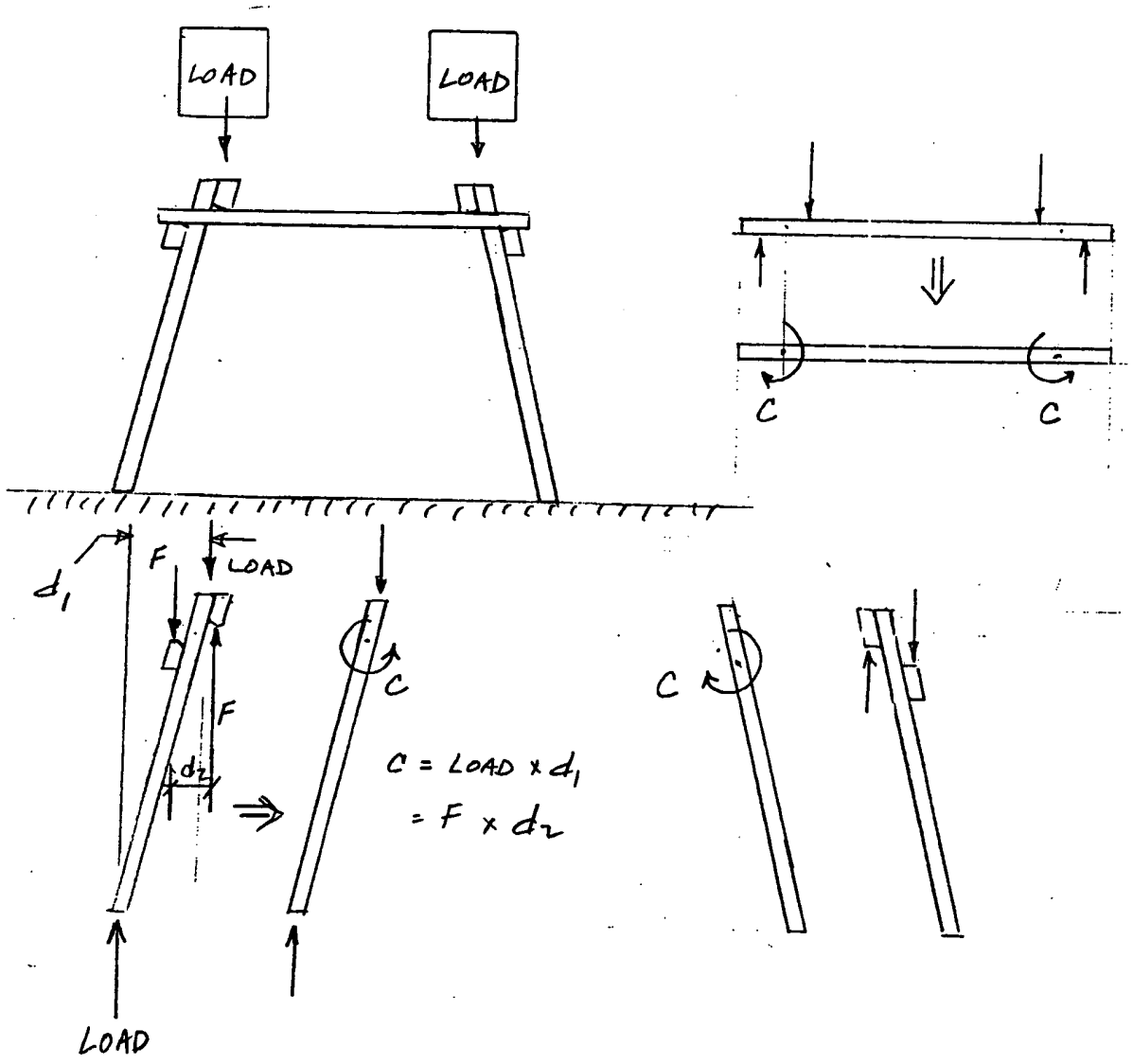
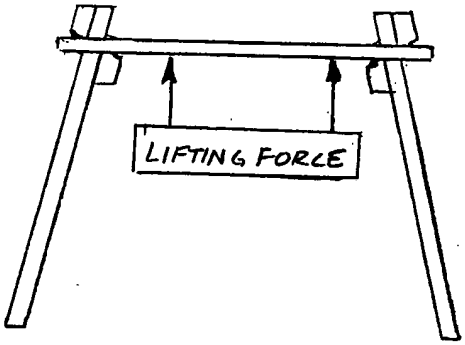
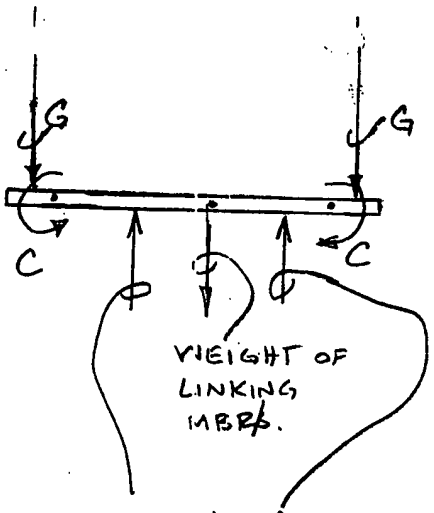
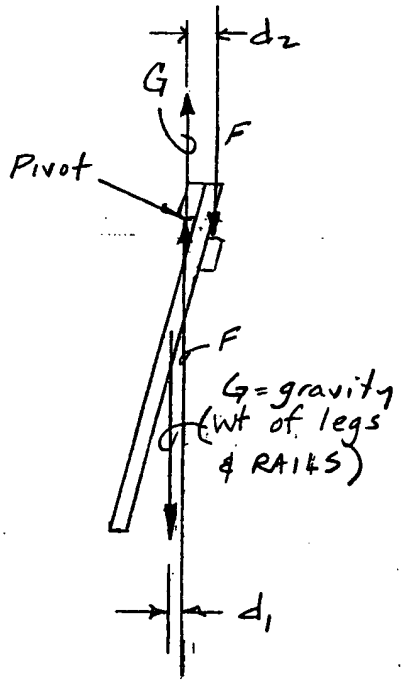


FIGURE 14





½ Wt. of Whole Sawhorse = ½ of LIFTING Force



$C = G \times d_1$

$C = F \times d_2$

FIGURE 15

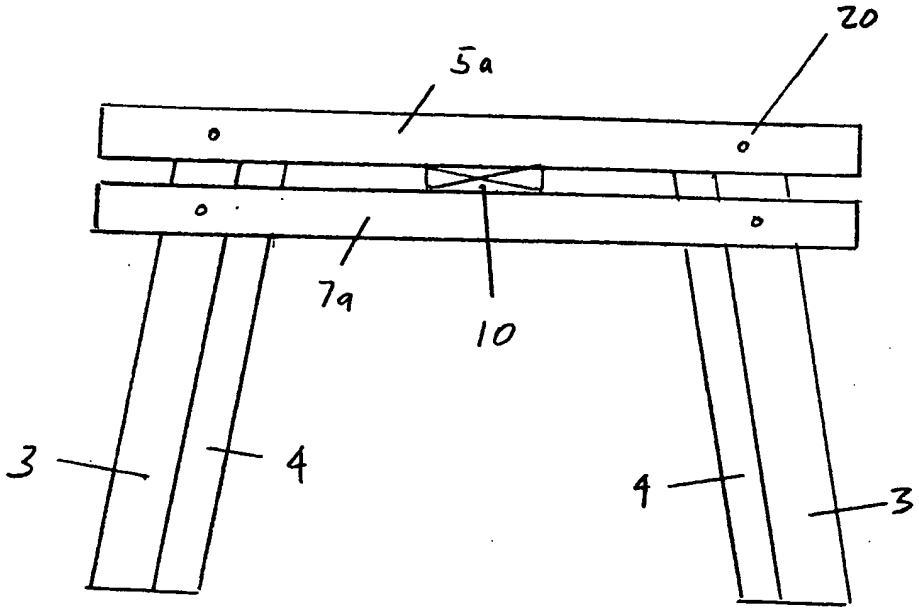


FIGURE 16

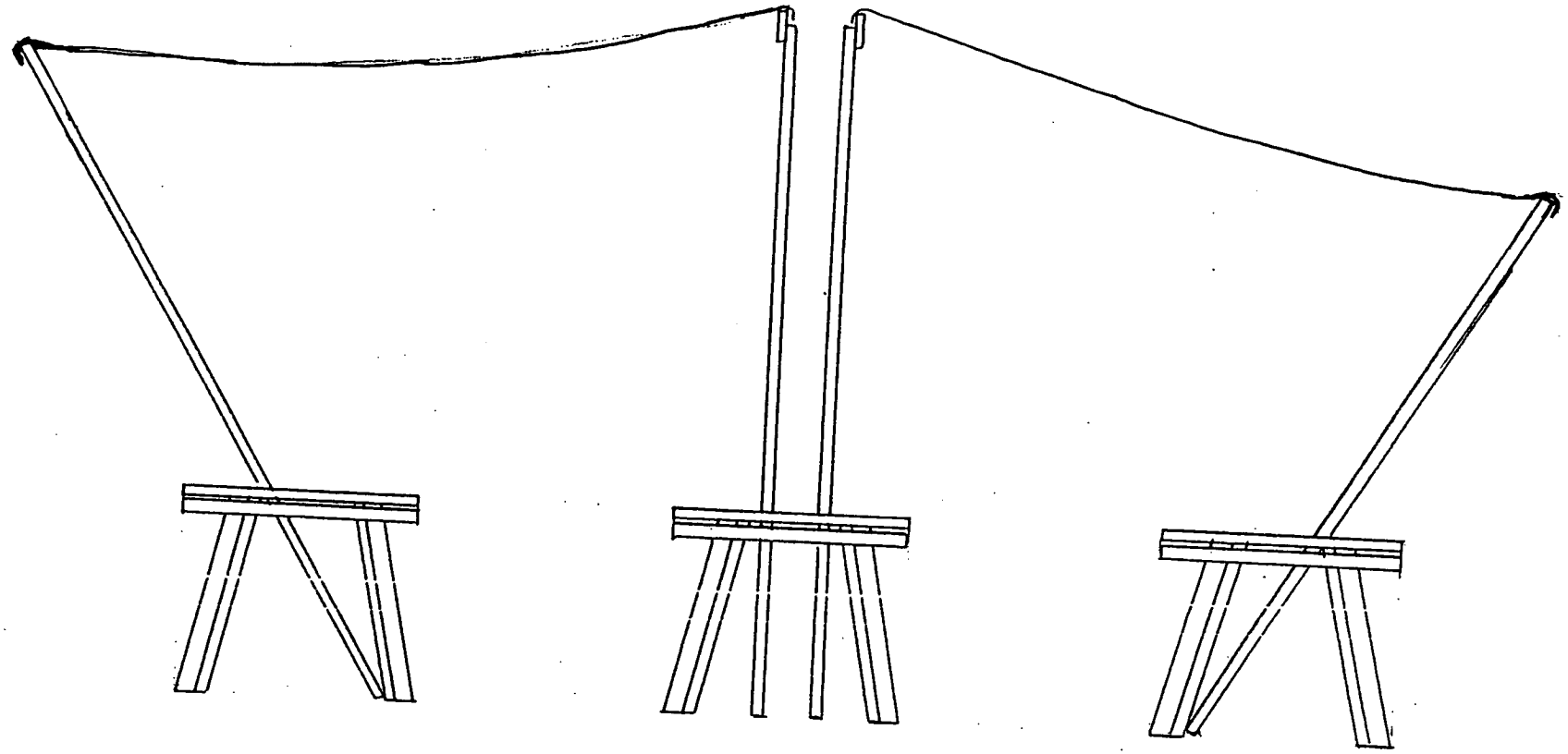


FIG 17

Fig. 18

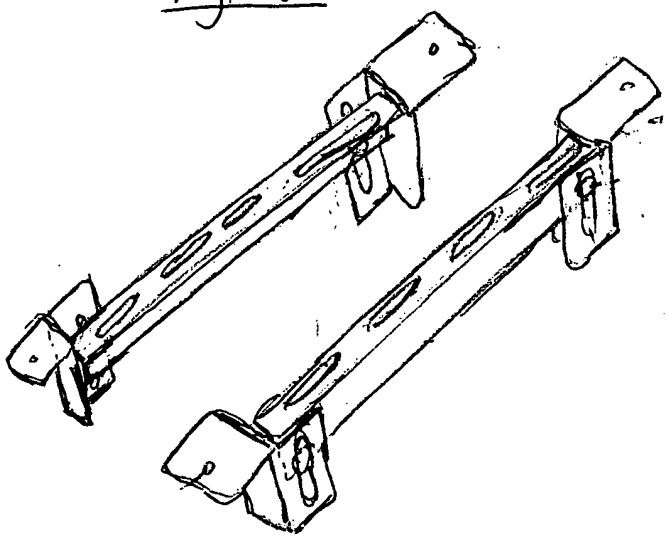


Fig. 19

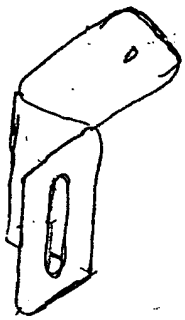


Fig. 20

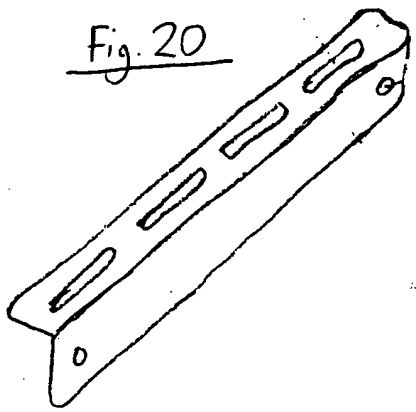


Fig. 21

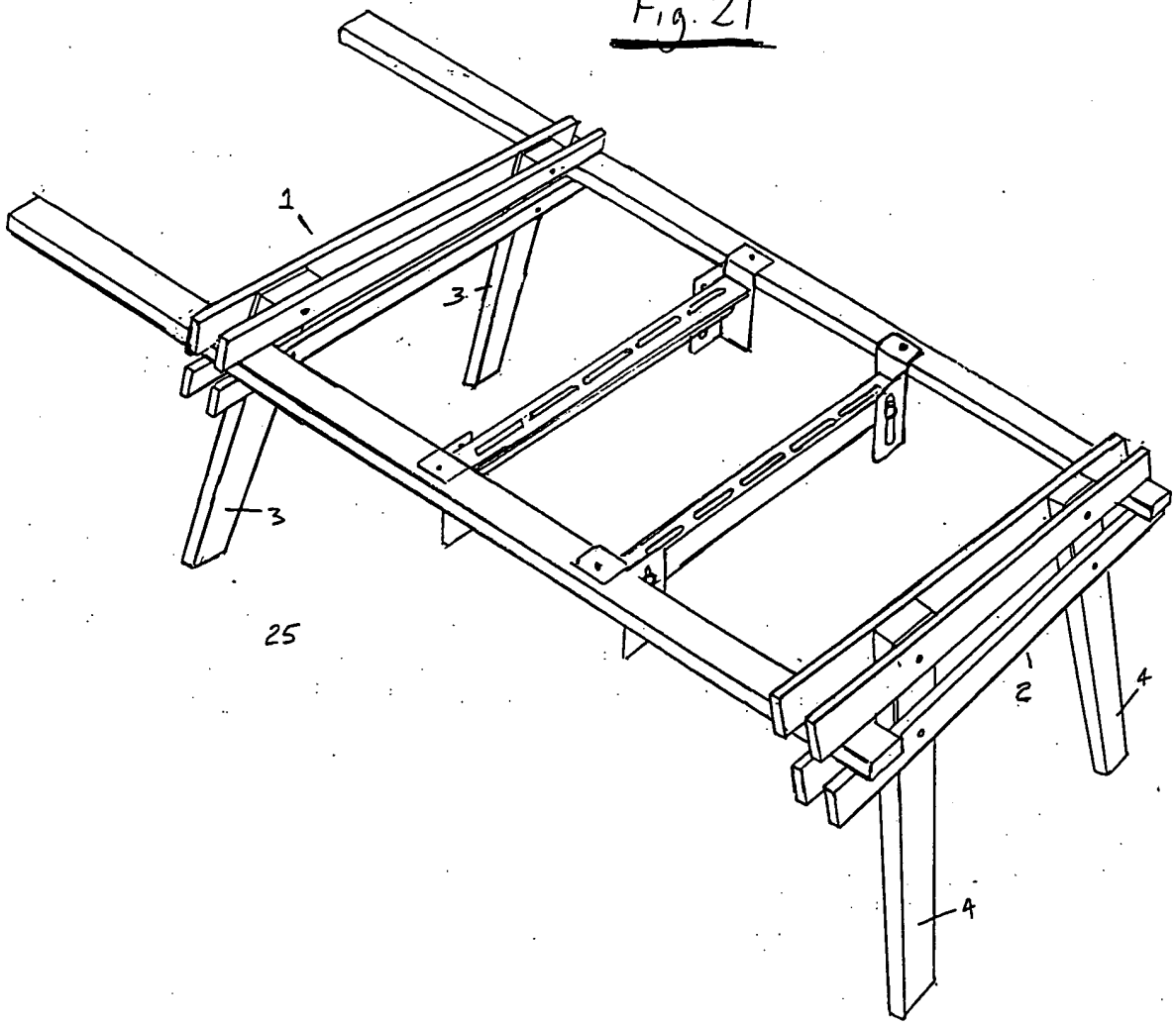
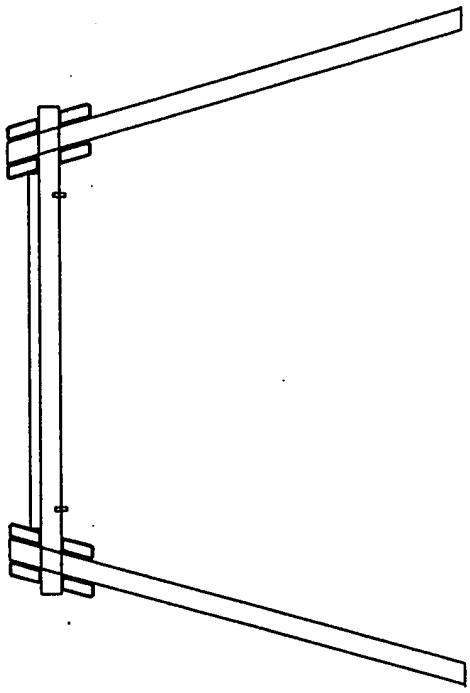
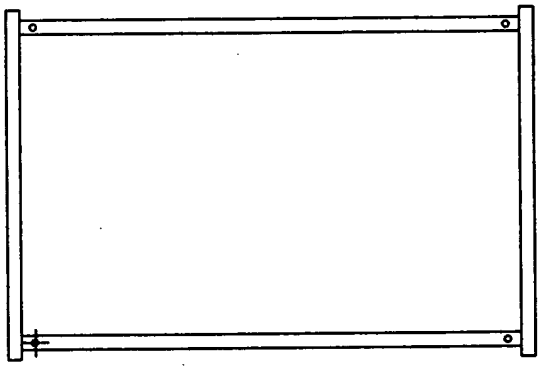
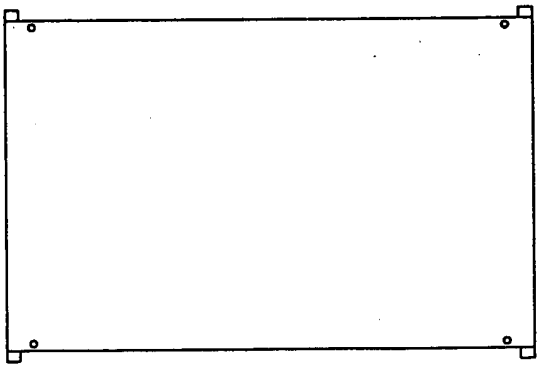


Fig. 22







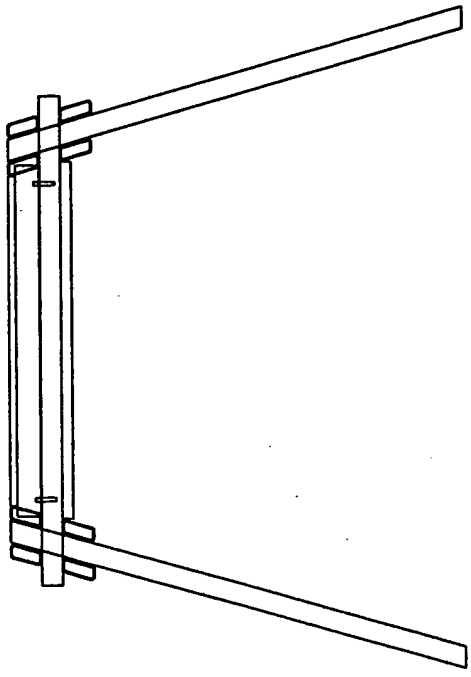


Fig. 23